

CLASSIFICATION

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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

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25X1

COUNTRY East Germany

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SUBJECT Vinalit, Composition and Manufacture

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SUPPLEMENT TO
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THIS IS UNEVALUATED INFORMATION

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1. "Vinalit" is the same as polyvinyl acetate. In early 1954, the following 25X1
different types of "Vinalit" were produced:

Vinalit	60 (solution of "Vinalit" in acetic ester),	output	1.4 tons per month
"	DW (dispersion)	,	" 0.2 " İLLEĞİB
"	D (dispersion)	,	" 0.7 " " "
"	L (solution of "Vinalit" in acetic ester),	"	0.5 " " "

- a. Examination of the properties of mixtures of polyvinyl chloride with various types of synthetic rubber such as Buna 32, Buna 85, Buna S, Buna SS, and Perbunan, as well as of mixtures of polystyrene with [REDACTED] of synthetic rubber. As a result of this research, an [REDACTED] polystyrene was developed consisting of 85 percent pol [REDACTED] Buna SS inked with 0.3 percent carbon black.
- b. Examination of the properties of polyamides produced by the [REDACTED] ^{plant}. The research led to the development of polyamide AH.
- c. Development of oil buna. Oilbuna was developed in the laboratory and the construction of experimental plants for the testing of oil buna justified.
- d. Development of a large ^{size} [REDACTED] machine for polyamides with a discharge pressure (Schering) [REDACTED] of 1 kg.
- e. Testing of the pearl polymer of polyvinyl chloride produced on an experimental basis. This polymer is emulsifier-free.
- f. Testing of [REDACTED] of vinyl chloride and [REDACTED] of vinyl chloride a [REDACTED]
- g. Production of Chlorbuna M. In the production process Buna 85 or Buna 32 in chloroform solution is treated with chlorine. The resulting chlorinated Buna is precipitated with methanol and subsequently dried. The final product

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SECTION REPORT

SECRET [REDACTED]

[REDACTED]

- 2 - [REDACTED]

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serving as a substitute for chlorinated rubber in the manufacture of varnish colors.

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[REDACTED] Comment: Sic, possibly dichloride.

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[REDACTED]

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SECRET [REDACTED]

[REDACTED]

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